

## LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)

PRAIRIE ISLAND UNIT 1

DOCKET NUMBER (2)

0 5 0 0 0 2 8 2

PAGE (3)

1 OF 0 2

TITLE (4)

INOPERABILITY OF DIESEL GENERATOR SUPPORT SYSTEMS

EVENT DATE (5)			LER NUMBER (6)			REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)																						
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES	DOCKET NUMBER(S)																					
0	8	0	1	8	5	8	5	0	1	1	0	0	0	9	0	3	8	5	Prairie Island Unit 2	0	5	0	0	0	3	0	6				
										0 5 0 0 0 0																					
OPERATING MODE (9)		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)																													
N		20.402(b)						20.405(e)						50.73(a)(2)(iv)						73.71(b)											
POWER LEVEL (10)		1 0 1 0						20.405(a)(1)(i)						50.36(a)(1)						X 50.73(a)(2)(v)						73.71(e)					
		20.405(a)(1)(ii)						50.36(a)(2)						50.73(a)(2)(vii)						OTHER (Specify in Abstract below end in Text, NRC Form 366A)											
		20.405(a)(1)(iii)						50.73(a)(2)(i)						50.73(a)(2)(viii)(A)																	
		20.405(a)(1)(iv)						50.73(a)(2)(ii)						50.73(a)(2)(viii)(B)																	
		20.405(a)(1)(v)						50.73(a)(2)(iii)						50.73(a)(2)(ix)																	

LICENSEE CONTACT FOR THIS LER (12)

NAME	TELEPHONE NUMBER
Arne A. Hunstad, Staff Engineer	6 1 2 3 8 8 - 5 3 1 8

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE)	NO	EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
<input checked="" type="checkbox"/>	<input type="checkbox"/>				

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

With both units at power and D1 Diesel Generator out of service, there was an accidental trip of a breaker which supplies the auxiliaries for D2 Diesel Generator. The breaker was reclosed shortly after discovery.

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## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (8)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
Prairie Island Unit 1	0500028285	—	011	—00	02	OF 02

TEXT (If more space is required, use additional NRC Form 366A's) (17)

On August 1, 1985, Unit 1 was at 100% power, and Unit 2 was at 83% power in coastdown for refueling. D1 Diesel Generator (DG) was out of service for maintenance.

At 1030, No. 22 control room chiller (CHU) tripped. Investigation showed that 480 volt Bus 220 Breaker (BKR) 228 had tripped, deenergizing motor control centers (MCC) 1T2 (which powers the control room chiller) and 1TA2 (which power the auxiliaries for D2 Diesel Generator). At 1056, Breaker 228 was reclosed, restoring power to MCC 1T2 and 1TA2.

Breaker 228 was apparently accidentally tripped by construction electricians working in the area. Breakers of this type usually have a manual trip blocking device installed to prevent accidental trips such as this, but in this case the device was missing. (The devices themselves are quite easily removed so that manual trip of the breakers can be accomplished quickly, if need be).

The significant auxiliaries affected were generator ventilation, room ventilation and the clean fuel oil pump (P), the others were minor keep-warm systems, etc. Diesel Generator operability depends on none of these auxiliaries in the short term, the diesel generator would have started and loaded as required. In the long term, without operator action, generator insulation (ISL) would have been thermally aged since generator ventilation was unavailable. It is felt that reasonable operator action in restoring power to the auxiliaries would have prevented any adverse effect on D2 Diesel Generator and operability would have been maintained.

Involved workmen were counseled concerning their activities. An additional physical barrier was erected in the work area to minimize the chance of recurrence. A search for a more effective manual trip blocking device is underway. Public health and safety were unaffected.



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September 3, 1985

U S Nuclear Regulatory Commission  
Document Control Desk  
Washington, DC 20555

PRAIRIE ISLAND NUCLEAR GENERATING PLANT  
Docket No. ~~50-306~~ License No. DPR-60

*50262*  
Inoperability of Diesel Generator Support Systems

The License Event Report for this occurrence is attached.

This event was reported via Emergency Notification System per 10 CFR Part 72 on August 1, 1985.

*Eugene Eckhardt*

for David Musolf  
Manager - Nuclear Support Services

DMM/EFE/jk

c: Regional Administrator-III, NRC  
NRR Project Manager, NRC  
Resident Inspector, NRC  
MPCA  
Actn: J W Ferman

Attachment

*EE22*  
*1/1*